

## **IN THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the application:

### **Listing of Claims:**

1-33. Canceled.

34(Currently Amended). A method of synchronizing a receive packet buffer window in a receiver with a transmit packet buffer window of a transmitter in a wireless data communication system comprising:

receiving a first plurality of data packets from the transmitter in the receive[[r]] packet buffer window, wherein each one of the first plurality of data packets is marked with a sequence number and the receive packet buffer window has a lower limit indicating a minimum sequence number of packet and a ~~higher~~ upper limit indicating a maximum sequence number of data packets that can be stored in the receive packet buffer window;

sending an acknowledgement to the transmitter acknowledging receipt of the first plurality of packets, wherein the acknowledgement includes an indication of sequence numbers of packets that were not received by the receiver in the first plurality of data packets; and

receiving a second plurality of data packets from the transmitter in the receive packet buffer window;

if the second plurality of data packets does not include packets that were not received by the receiver in the first plurality of data packets, then

updating the lower and upper limits of the receive packet buffer window

corresponding to minimum and maximum sequence numbers respectively of packets included in the second plurality of data packets.

35(Currently Amended). A method according to claim 34, further comprising:  
storing the second plurality of data packets in the receive packet buffer window with  
update lower and upper limits.

36(Currently Amended). A method according to claim 34, wherein the minimum and  
maximum sequence numbers of packets included in the second plurality of data packets  
corresponds to a lower limit and an upper limit respectively of the transmit packet buffer  
window of the transmitter.

37(Currently Amended). A communication device comprising:  
means for receiving a first plurality of data packets from a transmitter in a receive[[r]]  
packet buffer window of a receiver, wherein each one of the first plurality of data  
packets is marked with a sequence number and the receive packet buffer window  
has a lower limit indicating a minimum sequence number of packet and an higher  
upper limit indicating a maximum sequence number of packet that can be stored  
in the receive packet buffer window;  
means for sending an acknowledgement to the transmitter acknowledging receipt of the  
first plurality of packets, wherein the acknowledgement includes an indication of  
sequence numbers of packets that were not received by the receiver in the first  
plurality of data packets;  
means for receiving a second plurality of data packets from the transmitter in the receive  
packet buffer window; and  
means for updating the lower and upper limits of the receive packet buffer corresponding to  
minimum and maximum sequence numbers of packets included in the second  
plurality of data packets if the second plurality of data packets does not include  
packets that were not received by the receiver in the first plurality of data packets.

38(Currently Amended). A communication device according to claim 37, further  
comprising:  
means for storing the second plurality of data packets in the receive packet buffer window  
with update lower and upper limits.

39(New). A method of synchronizing a receive packet buffer window in a receiver with a transmit packet buffer window of a transmitter in a data communication system comprising:

receiving a first plurality of data packets from the transmitter in the receive packet buffer window of the receiver;

sending an acknowledgement to the transmitter from the receiver, the acknowledgment acknowledging receipt of one or more of the first plurality of data packets and indicating that one or more of the first plurality of data packets were not received by the receiver; and

receiving a second plurality of data packets from the transmitter in the receive packet buffer window of the receiver;

updating a lower limit and an upper limit of the receive packet buffer window corresponding to a minimum and a maximum sequence numbers respectively of packets included in the second plurality of data packets.

40(New). A method according to claim 39, wherein each one of the first plurality of data packets is marked with a sequence number and the lower limit of the receive packet buffer window indicates the minimum sequence number of packet and the upper limit of the receive packet buffer window indicates the maximum sequence number of data packets that can be stored in the receive packet buffer window.

41(New). A communication device comprising:  
means for receiving a first plurality of data packets from a transmitter in a receive packet buffer window;  
means for sending an acknowledgement to the transmitter, the acknowledgement acknowledging receipt of one or more of the first plurality of data packets and indicating that one or more of the first plurality of data packets were not received by the communication device; and  
means for receiving a second plurality of data packets from the transmitter in the receive packet buffer window;  
means for updating a lower limit and an upper limit of the receive packet buffer window corresponding to a minimum and a maximum sequence numbers respectively of packets included in the second plurality of data packets.

42(New). A communication device according to claim 41, wherein each one of the first plurality of data packets is marked with a sequence number and the lower limit of the receive packet buffer window indicates the minimum sequence number of packet and the upper limit of the receive packet buffer window indicates the maximum sequence number of data packets that can be stored in the receive packet buffer window.

43(New). A method of synchronizing a receive packet buffer window in a receiver with a transmit packet buffer window of a transmitter in a data communication system comprising:

updating a lower and an upper limit of the receive packet buffer window corresponding to a minimum sequence number and a maximum sequence number respectively of packets included in a plurality of data packets received from the transmitter.

44(New). A communication system comprising:  
a transmitter; and  
a receiver, wherein the receiver is configured to  
receive a first plurality of data packets from the transmitter in a receive packet  
buffer window;  
send an acknowledgement to the transmitter, the acknowledgment acknowledging  
receipt of one or more of the first plurality of data packets and indicating  
that one or more of the first plurality of data packets were not received by  
the receiver;  
receive a second plurality of data packets from the transmitter in the receive packet  
buffer window; and  
update a lower and an upper limits of the receive packet buffer window  
corresponding to a minimum and a maximum sequence numbers  
respectively of packets included in the second plurality of data packets.

45(New). A communication system according to claim 44, wherein the size of the  
receive packet buffer window is negotiated during service establishment between the transmitter  
and the receiver.

46(New). A communication system according to claim 44, wherein the transmitter  
and the receiver are components in a wireless packet communication system.

47(New). A method according to claim 39, wherein the lower limit and the upper  
limit of the receive packet buffer window is updated if the second plurality of data packets does  
not include packets that were not received by the receiver in the first plurality of data packets.